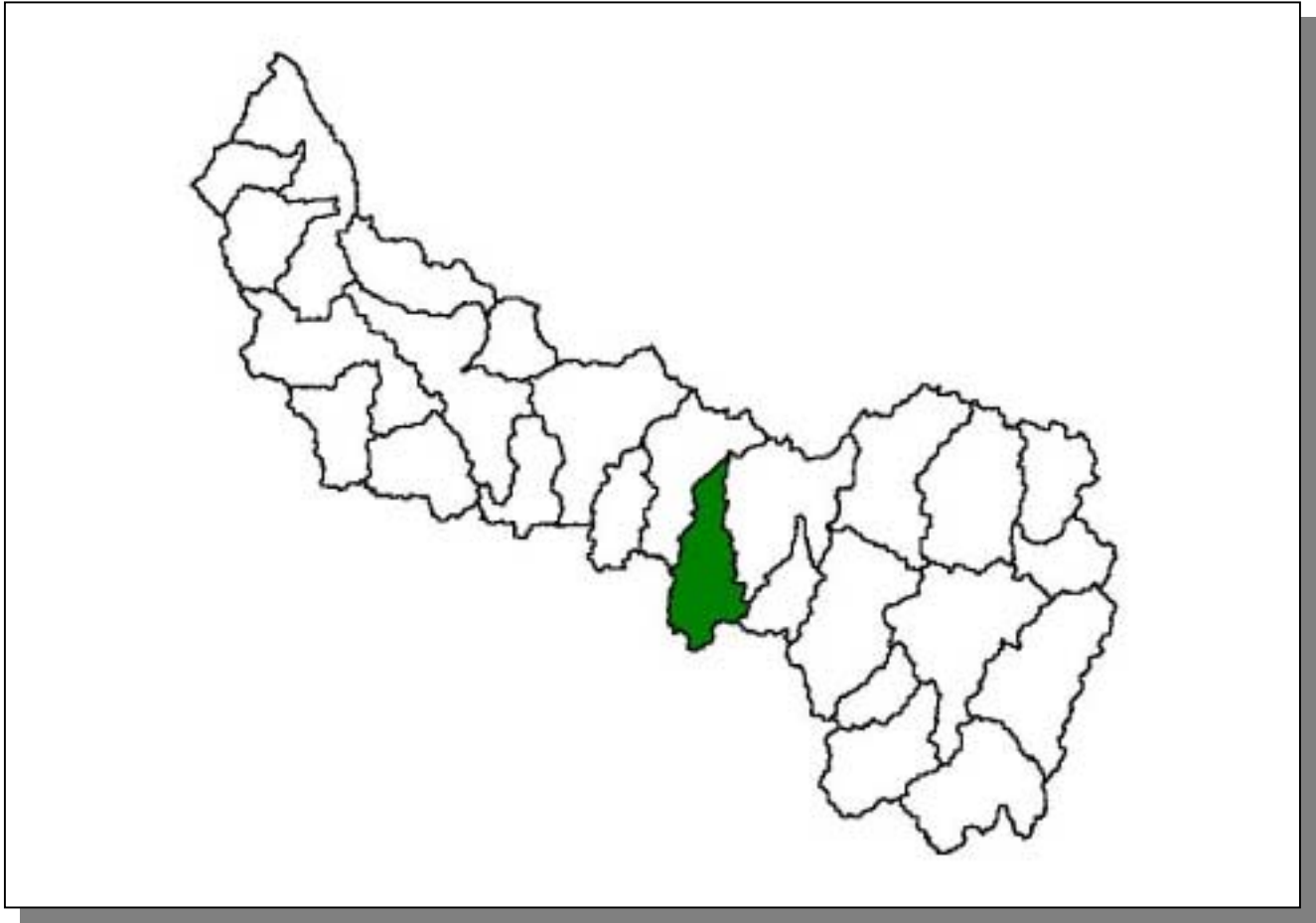
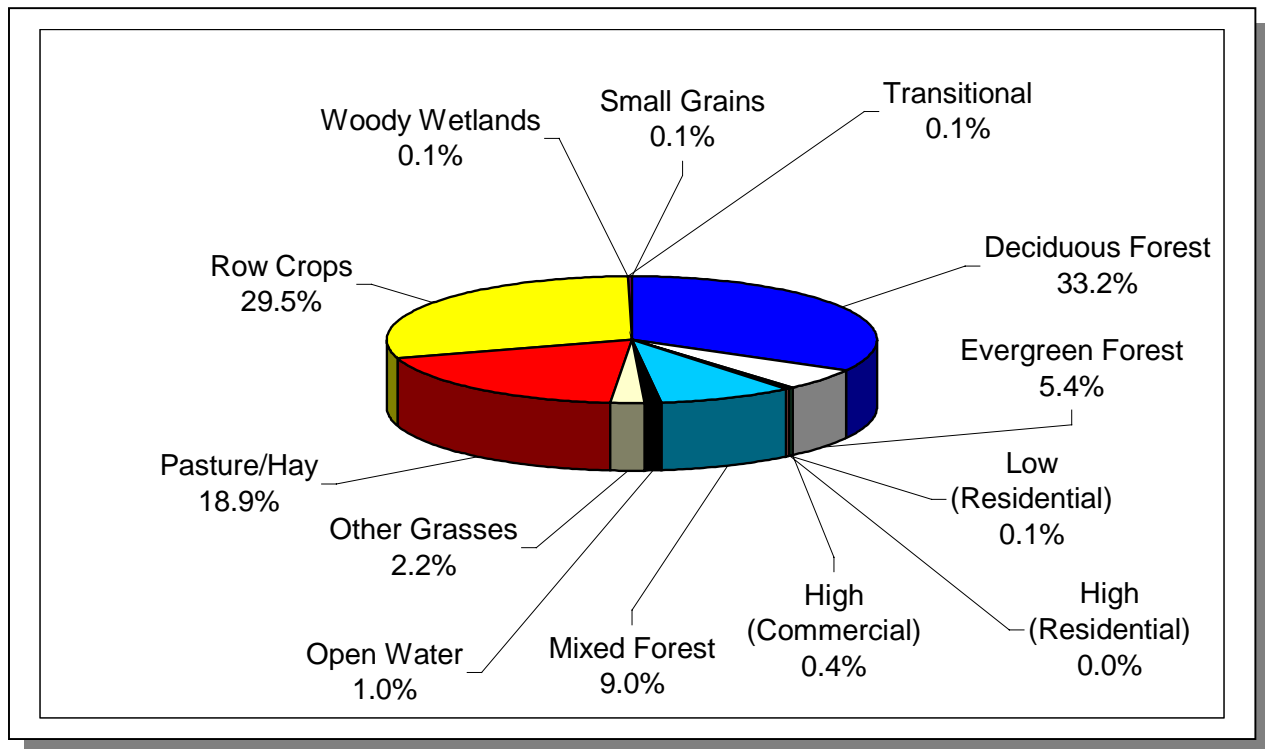


4.2.M. 08010205130.

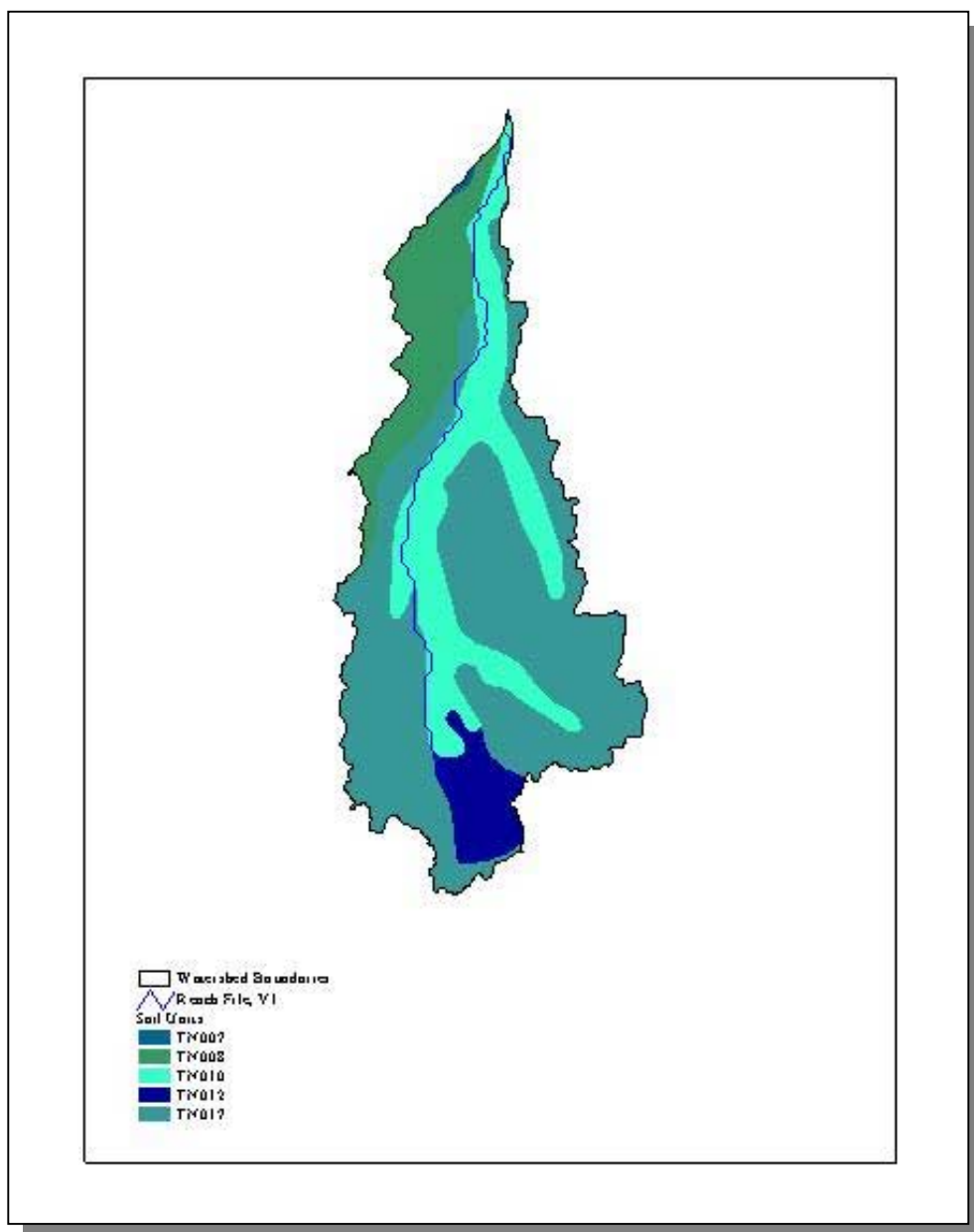


**Figure 4-58. Location of Subwatershed 08010205130.** All South Fork Forked Deer HUC-14 subwatershed boundaries are shown for reference.

**4.2.M.i.** General Description.



**Figure 4-59. Land Use Distribution in Subwatershed 08010205130.** More information is provided in SFFD-Appendix IV.



**Figure 4-60. STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 08010205130.**

STATSGO MAP UNIT ID	PERCENT HYDRIC	HYDROLOGIC GROUP	PERMEABILITY (in/hour)	SOIL pH	ESTIMATED SOIL TEXTURE	SOIL ERODIBILITY
TN007	36.00	C	1.30	5.36	Silty Loam	0.48
TN008	11.00	C	1.38	5.20	Silty Loam	0.48
TN010	92.00	C	1.33	5.11	Silty Loam	0.44
TN012	5.00	C	2.52	5.13	Silty Loam	0.39
TN017	0.00	B	1.81	5.26	Silty Loam	0.45

**Table 4-68. Soil Characteristics by STATSGO (State Soil Geographic Database) Soil Map Units in Subwatershed 08010205130.** More information is provided in SFFD-Appendix IV.

	COUNTY POPULATION			ESTIMATED POPULATION IN WATERSHED		% CHANGE
County	1990	1997 Est.	Portion of Watershed (%)	1990	1997	
Madison	77,982	84,942	6.43	5,013	5,461	8.9

**Table 4-69. Population Estimates in Subwatershed 08010205130.**

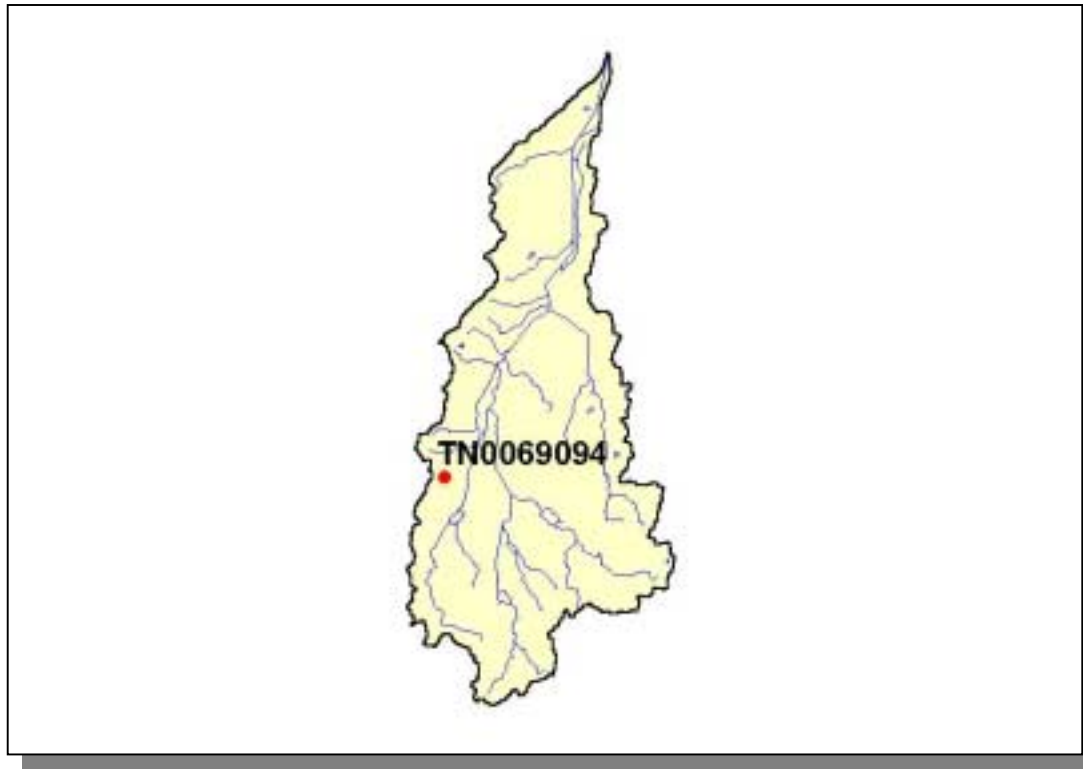
			NUMBER OF HOUSING UNITS			
Populated Place	County	Population	Total	Public Sewer	Septic Tank	Other
Jackson	Madison	48,949	20,739	20,197	512	30

**Table 4-70. Housing and Sewage Disposal Practices of Select Communities in Subwatershed 08010205130.**

**4.2.M.ii.** Point Source Contributions.



**Figure 4-61. Location of Active Point Source Facilities (Individual Permits) in Subwatershed 08010205130.** More information, including the names of facilities, is provided in SFFD-Appendix IV.



**Figure 4-62. Location of Active Mining Sites in Subwatershed 08010205130.** More information, including the names of facilities, is provided in SFFD-Appendix IV.

**4.2 M.ii.a. Dischargers to Waterbodies Listed on the 1998 303(d) List.**

There is one NPDES facility discharging to water bodies listed on the 1998 303(d) list in Subwatershed 08010205130:

- TN0023311 discharges to RM 0.1 of a tributary to Johnson Creek @ RM 5.3



**Figure 4-63. Location of NPDES Dischargers to Water Bodies Listed on the 1998 303(d) List in Subwatershed 08010205130.** The names of facilities are provided in SFFD-Appendix IV.

PERMIT #	7Q10	QDESIGN
TN0023311	0.31	0.0125

**Table 4-71. Receiving Stream Flow Information for NPDES Dischargers to Water Bodies Listed on the 1998 303(d) List in Subwatershed 08010205130.** Data are in million gallons per day (MGD). Data were calculated using data in Flow Duration and Low Flows of Tennessee Streams Through 1992.

PERMIT #	CBOD <sub>5</sub>	NH <sub>3</sub>	FECAL
TN0023311	X	X	X

**Table 4-72. Monitoring Requirements for NPDES Dischargers to Water Bodies Listed on the 1998 303(d) List in Subwatershed 08010205130.**

**4.2.M.iii.** Nonpoint Source Contributions.

LIVESTOCK (COUNTS)		
Cattle	Chickens	Hogs
698	<5	573

**Table 4-73. Summary of Livestock Count Estimates in Subwatershed 08010205130.** According to the Census of Agriculture, "Cattle" includes heifers, heifer calves, steers, bulls and bull calves.

CROP	TONS/ACRE/YEAR
Corn (Row Crops)	14.81
Soybeans (Row Crops)	8.65
Cotton (Row Crops)	12.97
Wheat (Close Grown Cropland)	3.53
Grass (Hayland)	0.95
Other Cropland not Planted	2.23
Grass (Pastureland)	0.41
Forest Land (Not Grazed)	0.00
Farmsteads and Ranch Headquarters	0.46
Other Vegetable and Truck Crops	7.81
Grass, Forbs, Legumes (Mixed Pasture)	3.34
Other Land in Farms	0.08
All Other Close Grown Cropland	0.47
Conservation Reserve Program Land	0.47

**Table 4-74. Annual Estimated Total Soil Loss in Subwatershed 08010205130.**